

CLAIMS

1. A laminated film obtained by extrusion-laminating, onto at least one surface of a polyester film,
5 an ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer or a mixture resin composition thereof with an ethylene/unsaturated carboxylic acid copolymer and/or an ethylene/(meth)acrylic acid ester copolymer, the amount of the unsaturated carboxylic acid component being
10 from 1 to 12% by weight and the amount of the (meth)acrylic acid ester component being from 2 to 25% by weight with respect to the total amount of said extrusion-laminated resin components.

2. A laminated film obtained by extrusion-laminating, onto at least one surface of a polyester film,
15 a mixture resin comprising:

(a) 100 parts by weight of the mixture resin component of an ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer or the mixture
20 resin composition of said ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer with an ethylene/unsaturated carboxylic acid copolymer and/or an ethylene/(meth)acrylic acid ester copolymer, the amount of the unsaturated carboxylic acid component being from 1 to
25 12% by weight and the amount of the (meth)acrylic acid ester component being from 2 to 25% by weight with respect to the total amount of the extrusion-laminated resin components, and

(b) not more than 30 parts by weight of an ethylene/
30 α -olefin copolymer resin having a density of 840 to 900 kg/m³.

3. A laminated film according to claim 1, wherein the carboxylic acid group of the unsaturated carboxylic acid in said mixture resin composition is partly ionized
35 with an alkali metal or an alkaline earth metal within a

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range in which the ionization degree is not larger than 20%.

4. A laminated film according to claim 2, wherein the carboxylic acid group of the unsaturated carboxylic acid in said mixture resin is partly ionized with an alkali metal or an alkaline earth metal within a range in which the ionization degree is not larger than 20%.

5. A laminated film according to claim 1 or 2, wherein another polar base member is laminated on the polyester film via the extrusion-laminated resin.

6. A method of producing a laminated film by extrusion-laminating, on the surface of a polyester film of which the surface is oxidized and has a surface wet tension of not smaller than 45 dyns/cm, (1) an extrusion-lamination resin: an ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer or a mixture resin composition thereof with an ethylene/unsaturated carboxylic acid copolymer and/or an ethylene/(meth)acrylic acid ester copolymer, the amount of the unsaturated carboxylic acid component being from 1 to 12% by weight and the amount of the (meth)acrylic acid ester component being from 2 to 25% by weight with respect to the total amount of said extrusion-laminated resin components, or an ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer, or (2) an extrusion-lamination resin: a mixture resin comprising:

(a) 100 parts by weight of the mixture resin component of an ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer or the mixture resin composition of said ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer with an ethylene/unsaturated carboxylic acid copolymer and/or an ethylene/(meth)acrylic acid ester copolymer, the amount of the unsaturated carboxylic acid component being from 1 to 12% by weight and the amount of the (meth)acrylic acid

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ester component being from 2 to 25% by weight with respect to the total amount of the extrusion-laminated resin components, and

(b) not more than 30 parts by weight of an ethylene/ α -olefin copolymer resin having a density of 840 to 900 kg/m³, at a resin temperature of from 280 to 340 °C.

7. A method of producing a laminated film according to claim 6, wherein said extrusion-lamination resin is extrusion sandwich-laminated between said polyester film and another polar base member.

Added

ADD A1
ADD A2

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